

# DISPERSANT ASP 40

## Dispersing Agent for Pigments and Extenders in Aqueous Systems

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### INTRODUCTION

**Dispersant ASP 40** is an APEO and Formaldehyde free, highly effective dispersant for anionic pigments and extenders in aqueous systems. The product is compatible with all common synthetic emulsions, creates little foam and is effective in a wide pH range.

### TYPICAL PROPERTIES

Appearance	Greenish yellow clear liquid
Composition	Ammonium salt of polycarboxylic acid
Solid Content % $\pm$ 0,5	40
Viscosity 25°C LVT 2/60	400 cps max.
Density at 20°C	Approx. 1,2 g/ml
pH	6.5 - 7.5
Solubility in Water	Soluble in Water
Storage Stability	Protect from freezing

### APPLICATION PROPERTIES

**Dispersant ASP 40** is generally added in emulsion paints with 0,1 - 0,5% calculated on pigments / extenders. The actual quantity required essentially depends on the type of the pigments / extenders used and should be determined from case to case (determination of the optimum quantity of the dispersing agent). **Dispersant ASP 40** can be added alone or combined with nonionic compatibilizers. For combined addition mixing proportions of 1:2 to 2:1 has proven to be effective. If more than 1% of **Dispersant ASP 40** is added, it should be tested whether the water sensitivity of the film increases. In emulsion paint procedure, **Dispersant ASP 40** normally has to be added before addition of pigments / extenders.

### PRODUCT HANDLING – STORAGE – SHELF LIFE

To ensure safe storage of this emulsion, containers should be well sealed to prevent the water evaporation and skin forming. The emulsion must be stored between 5 - 25°C for a maximum of 12 months and freezing must be avoided.